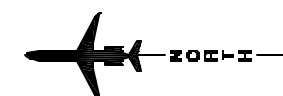


LEGEND

- | | |
|---|---|
| ----- Airport Property | Medium Density Residential (3.1-10 du/ao) |
| Municipal Boundaries | High Density Residential (10.1+ du/ao) |
| ----- Extra-territorial Jurisdiction | Floodplains |
| +++++ Railroad Tracks | Noise Sensitive |
| Study Area | School |
| 2022 Noise Exposure Contour, Marginal Effect | Planned School |
| 2022 Noise Exposure Contour, Significant Effect | Library |
| Low Density Residential (0-3 du/ao) | Historic Structures |
| | Places of Worship |
| | Potential Growth Risk |

Source: Base Information and Map:
City of Lincoln Geographic
Information System, May 2002.
Coffman Associates Analysis.



Lincoln Airport

TABLE 6B**Land Uses and Population Impact Summary
Lincoln Airport**

	2002		2007		2022	
	60 DNL	65 DNL	60 DNL	65 DNL	60 DNL	65 DNL
Land Use						
<i>DWELLING UNITS</i>						
Existing Dwelling units	433	11	517	10	63	0
Future Potential Dwelling Units	<u>N/A</u>	<u>N/A</u>	<u>1,830</u>	<u>10</u>	<u>15</u>	<u>1</u>
Total Dwelling Units	433	11	2,347	20	78	1
<i>NOISE-SENSITIVE INSTITUTIONS</i>						
Places of Worship	0	0	0	0	0	0
Schools	0	0	0	0	0	0
Other (Libraries, Museums, etc.)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Noise-Sensitive Institutions	0	0	0	0	0	0
<i>HISTORIC RESOURCES</i>						
Total Historic Resources	0	0	0	0	0	0
Population						
Total Existing Population	1,048	26	1,244	24	149	0
Total Existing LWP	219	10	259	9	30	0
Total Potential Population	N/A	N/A	4,342	22	50	3
Total Potential LWP	N/A	N/A	894	9	8	1
Notes:	LWP = Level-weighted population; an estimate of the number of people actually annoyed by aircraft noise. It is derived by multiplying the population in each DNL contour range by the appropriate LWP response factor. The factors used are as follows: 0.205 for 60-65 DNL, 0.376 for 65-70 DNL, 0.644 for 70-75 DNL, and 1.000 for 75+ DNL.					
Source:	Coffman Associates analysis.					

TABLE 6C
Summary of Noise Compatibility Program , 2002-2017
Lincoln Airport

Measure	Cost to Airport or Government	Direct Cost to Users ¹	Timing	Lead Responsibility ²	Potential Funding Sources
<i>NOISE ABATEMENT ELEMENT</i>					
1. Continuation of Airport's existing run-up noise abatement procedures.	\$5,000	None	2002 and ongoing	Lincoln Airport Authority	Airport operating budget
2. Continuation of existing military training procedures and publication of these procedures within the AP/1 and IFR Supplement.	Administrative	None	2002 and ongoing	Lincoln Airport Authority	N.A.
3. Encourage the use of AC 91-53A by large jets.	Administrative	None	2002 and ongoing	Lincoln Airport Authority	N.A.
4. Encourage the use of NBAA noise abatement procedures.	Administrative	None	2002 and ongoing	Lincoln Airport Authority	N.A.
5. Promote the use of AOPA Noise Awareness Steps by light single and twin-engine aircraft.	Administrative	None	2002 and ongoing	Lincoln Airport Authority	N.A.
<i>LAND USE MANAGEMENT ELEMENT</i>					
1. Change the boundaries of the Airport Environs Noise District.	Administrative	None	2004	City of Lincoln Lincoln Airport Authority (Applicant)	N.A.

TABLE 6C (Continued)**Summary of Noise Compatibility Program , 2002-2017****Lincoln Airport**

Measure	Cost to Airport or Government	Direct Cost to Users¹	Timing	Lead Responsibility²	Potential Funding Sources
<i>LAND USE MANAGEMENT ELEMENT (Continued)</i>					
2. Update the General Plan to reflect the Airport Environs Noise District.	Administrative	None	2004	City of Lincoln Lincoln Airport Authority (Applicant)	N.A.
3. Update the General Plan to reflect the 2002 noise contours prepared as part of this study.	Administrative	None	2004	City of Lincoln Lincoln Airport Authority (Applicant)	N.A.
4. Modify the existing Airport Environs Noise District regulations to reflect the 2002 noise contours and incorporate the 60 DNL noise contour.	Administrative	None	2004	City of Lincoln Lincoln Airport Authority (Applicant)	N.A.
5. Adopt airport land use compatibility guidelines for review of development projects within the Airport Environs Noise District.	Administrative	None	2004	City of Lincoln Lincoln Airport Authority (Applicant)	N.A.
6. Maintain compatibly-zoned areas within the 2002 60 DNL noise contour.	Administrative	None	2002 and ongoing	City of Lincoln Lincoln Airport Authority (Applicant)	N.A.
7. Lobby state legislature to modify fair disclosure regulations.	Administrative	None	2002 and ongoing	Lincoln Airport Authority and State of Nebraska	N.A.

TABLE 6C (Continued)
Summary of Noise Compatibility Program, 2002-2017
Lincoln Airport

Measure	Cost to Airport or Government	Direct Cost to Users ¹	Timing	Lead Responsibility ²	Potential Funding Sources
LAND USE MANAGEMENT ELEMENT (Continued)					
8. Utilize fair disclosure covenants and signage in new developments within the Airport Environs Noise District to notify prospective landowners of the presence of aircraft operations.	Administrative	None	2004	City of Lincoln	N.A.
PROGRAM MANAGEMENT ELEMENT					
1. Establish a GIS system for receiving, analyzing, and responding to noise complaints; publishing the noise contours; and, community outreach.	\$50,000	None	2004	Lincoln Airport Authority FAA	Airport capital budget (10%) FAA (90%)
2. Prepare military and civilian pilot guides.	\$10,000 initially \$5,000 every three years	None	2004	Lincoln Airport Authority FAA	Airport operating budget (10%) FAA (90%)
3. Review Noise Compatibility Program implementation.	\$20,000 every three years	None	ongoing	Lincoln Airport Authority FAA	Airport operating budget (10%) FAA (90%)
4. Update Noise Exposure Maps and Noise Compatibility Program.	\$300,000	None	Five to ten years	Lincoln Airport Authority FAA	Airport capital budget (10%) FAA (90%)
		Funding Source		Amount	Percent
Total Cost and Funding		FAA		\$391,500	89%
		Airport Operating Budget		\$13,500	2%
		Airport Capital Budget		\$35,000	9%
		Total		\$440,000	